UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/508,088	03/15/2000	VASILIOS YIORYIOS PAPAYIORYIOU	00049	7612

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EXAMINER
PWU, JEFFREY C

ART UNIT	PAPER NUMBER
3624	

DATE MAILED: 06/18/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

-- Th MAILING DATE of this communication app ars on the cover sheet with th correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _____ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☐ Responsive to communication(s) filed on _____ .

2a) ☐ This action is **FINAL**.　　2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *14-30* is/are pending in the application.

　　4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *14-30* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

　　Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.

　　If approved, corrected drawings are required in reply to this Office action.

12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

　　a) ☒ All b) ☐ Some * c) ☐ None of:

　　　1. ☒ Certified copies of the priority documents have been received.

　　　2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

　　　3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

　　* See the attached detailed Office action for a list of the certified copies not received.

14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

　　a) ☐ The translation of the foreign language provisional application has been received.

15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) *4* .

4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: .

DETAILED ACTION

1.   This action is responsive to the application, filed 2000-03-10.

2.   The disposition of claims is: claims 14-30 are pending as filed. Claims 14, 23, 24, 25, 27, 28, 29, and 30 are independent.

3.   The group art unit of the Examiner handling your case has changed. The new art unit is **3624**. Please use current art unit on all correspondence to help us route your case in a timely fashion.

Title

4.   The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Abstract

5.   This application does not contain an abstract of the disclosure as required by 37 CFR 1.72(b). An abstract on a separate sheet is required.

Claim Rejections - 35 USC § 102

6.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

7. Claims 14-30 are rejected under 35 U.S.C. 102(b) as being anticipated by Baird et al. (U.S. 5,220,500).

     Baird et al. teach:

     (Claim) 14. A computer based method of determining part of the value of an asset for investment by an investor (user), comprising:

     receiving data from the investor relating to market value of the asset and to a preferred term of the investment (abstract; claim 1);

     receiving data from the investor relating to potential return from the asset over the preferred term (abstract; claim 1);

     calculating a discount value for the asset from the potential return (col.2, line 45-col.3, line 5);

     calculating market values for a range of potential investments using the discount value of the asset and the preferred term of investment (col.7, lines 30-55);

     presenting the investor with a range of market values for the range of investments (col.7, line 30- col.8, line 30); and

     receiving from the investor (claims 1, 11 and 12)) an indication of an investment selected from the range .

     15. A method according to claim 14, wherein the market values of the investments are calculated to be less than or equal to the future value of the asset (col.7, line 57-col.8, line 30).

     16. A method according to claim 14, wherein the terms of the investments are calculated to match the preferred term of investment (col.7, line 57-col.8, line 30).

17. A method according to claim 14, wherein the investments are calculated to match both the future value of the asset and the preferred term of investment (col.7, line 57-col.8, line 30).

18. A method according to claim 14, wherein the market values of the investments are calculated using investment amounts which are less then or equal to the discount value of the asset (col.7, line 57-col.8, line 30).

19. A method according to claim 14, wherein a range of market values for a range of investments less than or equal to the future value of the potential return from the asset are presented (col.4, line 12-col.8, line 30).

20. A method according to claim 14, wherein the data relating to market value of the asset includes current market valuation, life expectancy and method of depreciation of the asset (col.4, line 12-col.8, line 30).

21. A method according to claim 14, wherein the discount value is calculated as the present value of returns from the asset using Microsoft Excel formula (it is inherent to use a spreadsheet to calculate value returns).

22. A method according to claim 14, wherein the investments are calculated using futures and options market data (576, 577; col.17, line 51-col.19, line 20).

23. A computer based method of determining part of the value of an asset for investment by an investor, comprising: (see abstract, claims 1-16, and col.1, line 23-col.8, line 27)

receiving data from the investor relating to market value of the asset and to a preferred term of the investment;

receiving data from the investor relating to potential return from the asset over the preferred term;

calculating market values for a range of possible investments according to the potential return from the asset;

presenting the investor with a range of market values for the range of investments, including at least some investments in which: the amounts invested are less than or equal to the potential return from the asset; the value of the investment is less than or equal to the value of the asset; the term of the investment is substantially equal to the preferred term; or the value and term of the investment are substantially matched to the value of the asset and the preferred term respectively; and

receiving an indication of a selected investment from the investor.

     24. A computer based method of determining part of the value of an asset for investment by an investor, comprising: (see abstract, claims 1-16, and col.1, line 23-col.8, line 27)

receiving from the investor data relating to market value of the asset and to a preferred term of the investment;

determining an amount for potential investment as a portion of the value of the asset;

calculating market values for a range of possible investments using the portion of the value of the asset;

presenting the investor with a range of market values for the range of possible investments, including at least some investments in which: the amounts invested are less than or equal to the portion of the value of the asset; the value of the investment is less than or equal to the value of the asset; the term of the investment is substantially

equal to the preferred term; or the value and term of the investment are substantially

matched to the value of the asset and the preferred term respectively; and

receiving from the investor an indication of a selected investment.

      25. A computer method of determining an amount for investment, comprising:

(see abstract, claims 1-16, and col.1, line 23-col.8, line 27)

receiving data from a potential investor relating to a preferred amount for investment

and to a preferred term of the investment;

calculating the value of an asset which would yield the preferred amount for investment

as a return;

calculating market values for a range of possible investments using the preferred

amount of investment and the preferred term;

presenting the investor with a range of market values for the range of investments,

including at least some in which: the invested amounts are less than or equal to the

preferred amount for investment; the value of the investment is less than or equal to the

value of the asset; the term of the investment is substantially equal to the preferred

term; or the value and term of the investment are substantially matched to the value of

the asset and the preferred term respectively; and

receiving an indication of a selected investment from the investor.

      26. A computer system which provides a financial service according to a method

as claimed in claim 14.

      27. A computer system for a financial service which carries out a process for

determining part of the value of an asset for an investment by a customer, the system

including storage media containing computer process instructions for: (see abstract, claims 1-16, and col.1, line 23-col.8, line 27)

receiving data relating to market value of the asset and to a preferred term of the investment;

receiving data relating to potential return from the asset over the preferred term;

calculating a discount value for the asset from the potential return;

calculating market values for a range of potential investments using the discount value of the asset and the preferred term of investment;

presenting a range of market values for the range of investments;and

receiving an indication of a selected investment.

28. A computer system for a financial service which carries out a process for determining part of the value of an asset for an investment by a customer, the system including storage media containing computer process instructions for: (see abstract, claims 1-16, and col.1, line 23-col.8, line 27)

receiving data relating to market value of the asset and to a preferred term of the investment;

receiving data relating to potential return from the asset over the preferred term;

calculating market values for a range of possible investments according to the potential. return from the asset;

presenting a range of market values for the range of investments, including at least some investments in which: the amounts invested are less than or equal to the potential return from the asset; the value of the investment is less than or equal to the value of the asset; the term of the investment is substantially equal to the preferred

term; or the value and term of the investment are substantially matched to the value of the asset. and the preferred term respectively; and

receiving an indication of a selected investment.

29. A computer system for a financial service which carries out a process for determining part of the value of an asset for an investment by a customer, the system including storage media containing computer process instructions for: (see abstract, claims 1-16, and col.1, line 23-col.8, line 27)

receiving data relating to market value of the asset and to a preferred term of the investment;

determining an amount for potential investment as a portion of the value of the asset;

calculating market values for a range of possible investments using the portion of the value of the asset;

presenting a range of market values for the range of possible investments, including at least some investments in which: the amounts invested are less than or equal to the portion of the value of the asset; the value of the investment is less than or equal to the value of the asset; the term of the investment is substantially equal to the preferred term; or the value and term of the investment are substantially matched to the value of the asset and the preferred term respectively; and

receiving an indication of a selected investment.

30. A computer system for a financial service which carries out a process for determining part of the value of an asset for an investment by a customer, the system

including storage media containing computer process instructions for: (see abstract, claims 1-16, and col.1, line 23-col.8, line 27)

receiving data relating to a preferred amount for investment and to a preferred term of the investment;

calculating the value of an asset which would yield the preferred amount for investment as a return;

calculating market values for a range of possible investments using the preferred amount of investment and the preferred term; presenting a range of market values for the range of investments, including at least some in which: the invested amounts are less than, or equal to the preferred amount for investment; the value of the investment is less than or equal to the value of the asset; the term of the investment is substantially equal to the preferred term; or the value and term of the investment are substantially matched to the value of the asset and the preferred term respectively; and receiving an indication of a selected investment.

☞ Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Jeffrey Pwu whose telephone number is (703)   308-7835

Jeffrey Pwu

13 June 2002